(c) No Sir, there are no adverse effects of windmills including in the State of Andhra Pradesh.

(d) Does not arise.

(e) The cumulative electricity generated by wind power projects in the State so far is about 745 million units.

(f) No, Sir.

(g) Does not arise.

Producing energy from municipal solid waste in Bangalore

3076. DR. VIJAY MALLYA:
SHRI LALIT SURI:

Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) whether Government are aware that Bangalore Mahanagar Palike has signed a MoU with a private firm to produce energy from municipal solid waste;

(b) whether it is a fact that the power so produced would be used for streetlights;

(c) the role played by the Indian Renewable Energy Development Association and other institution; and

(d) whether there is any proposal with Non-Conventional Energy Sources to set up such processing plants at all Municipalities on a pilot scale?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) Yes, Sir. Bangalore Municipal Corporation (Mahanagar Palike) has entered into an agreement with a private firm for setting up a project for generation of 7 MW power from Refuse Derived Fuel produced from Municipal Solid Waste.

(b) The mode of utilization of power so produced is yet to be finalized by the Municipal Corporation.

(c) Indian Renewable Energy Development Agency (IREDA) provides loans for setting up of such projects. However, they have not been approached for the Bangalore Project.

(d) Since two full scale projects based on this technology have already been set up and are successfully functioning in Andhra Pradesh, there is no need for setting up such projects on a pilot scale. However, under an accelerated programme recently introduced by the Ministry, financial assistance is available for setting up full scale projects, subject to eligibility and terms and conditions.

Production of energy from NCE sources

† 3077. SHRIMATI SUSHMA SWARAJ: Will the Minister of NON-CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the total amount of energy being produced through non-conventional energy sources in the country;

(b) the source-wise amount of its production; and

(c) the action plan being prepared by Government to ensure that more energy is produced from these sources?

THE MINISTER OF STATE OF THE MINISTRY OF NON-CONVENTIONAL ENERGY SOURCES (SHRI VILAS MUTTEMWAR): (a) and (b) 6161 MW grid-interactive renewable power generating capacity has been installed through non-conventional energy sources as on 31-3-2005 which is generating 23887 million kWh/annum. Of this, 3595 MW power generating installed capacity has come from wind power, 1708 MW from small hydro and 858 MW from bio-power which is generating 16598 million kWh/annum, 3241 million kWh/ annum and 4048 million kWh/ annum respectively.

' (c) The aim is to deploy around 10 per cent of the additional power generating installed capacity from renewables during the 10th Plan and 11 th Plan periods comprising 5 percentage points from wind (5,000 MW),3 percentage points from bio energy (3,000 MW) and 2 percentage points from small hydro power(2,000 WM). Renewable power contributes around

† Original notice of the question was received in Hindi.